

## 4-H CLUB NEWS

### KOOKIE KOOKS PLAN ROUNDUP

by Ellyce Jean Engle, reporter  
The Penn Manor Kookie Kooks invited their parents to the roundup to be held at Stehman's Church pavilion on Wednesday, August 31, beginning at 1 p.m.

A short meeting was held on Wednesday, August 17, at the Penn Manor Junior High School following the Clashing Thimbles roundup. At the meeting, the leader, Mrs. Dull, explained to the girls what to bring to roundup. To help the girls prepare for roundup, Marie and Nancy Kocker gave a demonstration on the basic four food groups.

### ● Pregnant Sows

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when they are born, may become ill, and may transmit the disease to other susceptible hogs.

The discovery supports experiments in this country and in England that demonstrated that hog cholera transmission might be associated with pregnancy.

The new ARS findings may help locate previously unexplained sources of infection since scientists formerly believed that hog cholera was spread mainly by contact of susceptible pigs with infected animals or contaminated surroundings.

The discovery also emphasizes the need for disposal of all exposed hogs in order to eradicate the disease.

ARS veterinarian and hog cholera epidemiologist S H Young found, after investigating outbreaks in Indiana, that bred sows which had been in contact with field strains of hog cholera virus or with modified live virus vaccines could transmit the disease. Both vaccinated and unvaccinated sows were involved in the outbreaks.

This, scientists say, may be explained by the "immune tolerance" theory. Although immune to the disease, a sow can carry the virus in her blood after exposure and can transmit the virus through the placental membranes to her unborn pigs. The antibody process of the fetus — its defense mechanism — is not yet in operation, so the fetus "accepts" the hog cholera virus as a product of its own tissues. Thus, the pigs are born with hog cholera.

In baby pigs, Young found, the usual hog cholera symptoms and post mortem findings were not present. The disease often developed slowly or appeared in chronic form. Thus, in many cases, hog cholera was not detected until it spread to older susceptible pigs, where it exhibited its usual pattern.

E. A. Carbrey, veterinary virologist at ARS's National Animal Disease Laboratory Ames, Iowa, isolated and identified hog cholera virus in the baby pigs by use of the fluorescent antibody, tissue culture technique. In this test, cell cultures inoculated with tissue suspensions from pigs suspected of having hog cholera are treated with a fluorescent dye combined with antibodies from anti-hog-cholera serum. This dye-antibody combination is attracted to infected cells and these cells are readily distinguished under a fluorescent microscope.

### C-V SWINGING STITCHERS HOLD ROUNDUP AND TEA

by Diane Bare, reporter  
The Conestoga Valley Swinging Stitchers 4-H Club held a roundup and a tea for mothers on Tuesday at the Conestoga Valley Junior High School. Club members were judged by Mrs. Paul Denlinger.

First-year-members: 1st prize, Marsha Herr; 2nd, Brenda Smoker.

Third-year-members: 1st, Diane Bare; 2nd, Karen Landis. Fifth-year-members: 1st, Nancy Risser; 2nd, Elaine Herr.

Following the judging, refreshments were served to the members' mothers.

### WHAT'S COOKING GIRLS ENTERTAIN MORAVIANS

Members of the 4-H What's

COOKING Club met at the home of Mrs. Willis Bucher on August 11 at 9:30 a.m. to prepare appessauce and make cupcakes which were served as dessert at lunchtime to the ladies at the Moravian Home.

Following the lunch, the girls presented a musical program for the women. It included piano selections and group singing. This program was a community project planned by the club members. The girls returned to the Bucher residence after the program for a business meeting.

### STRASBURG 4-H COOKING CLUB MEETS

by Marilyn Krantz, reporter  
The Strasburg 4-H Cooking Club met on Wednesday, August 17, at the home of Mr. and Mrs. J. Robert Hess, Strasburg R1. Nineteen members were present.

Carol and Nancy Cron gave home as the new members, a demonstration on Good day, August 24, at the home. While the leaders judge the projects the members will enjoy swimming from 12:30 to 5 p.m.

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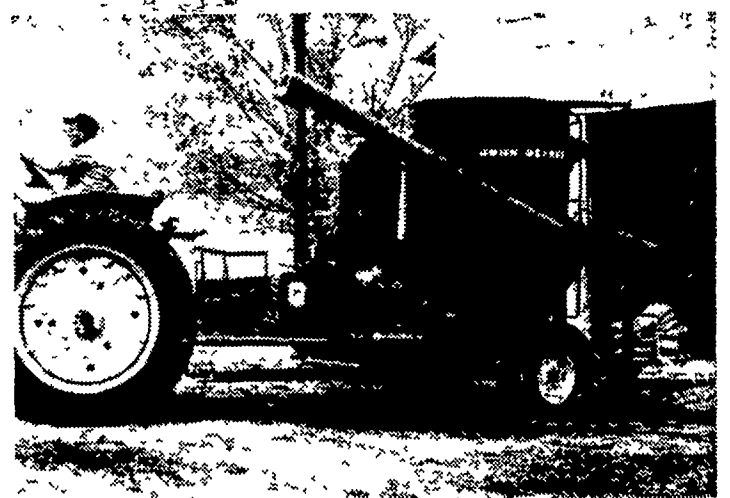
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